CLAIMS

1. (Currently amended) A device comprising:

a network interface for coupling to a network;

a memory;

a first connection through the network with a first endpoint in a first region of said network; and

a processor coupled with the network interface, ~~wherein the processor is adapted~~ to:

~~consider a first connection through a network with a first endpoint of the network;~~

~~identify a first region in the network of the first network endpoint;~~

retrieve a first jitter record for the first network region; and

allocate a first portion of [[a]] said memory for jitter buffer storage for the first connection, the first portion having a size in accordance with first jitter data in the first jitter record.

2. (Original) The device of claim 1, wherein

the first connection is a VoIP connection.

3. (Currently amended) ~~The device of claim 1,~~ A device comprising:

a network interface for coupling to a network;

a memory; and

a processor coupled with the network interface, wherein the processor is adapted to:

consider a first connection through a network with a first endpoint of the network;

identify a first region in the network of the first network endpoint;

retrieve a first jitter record for the first network region; and

allocate a first portion of a memory for jitter buffer storage for the first connection, the first portion having a size in accordance with first jitter data in the first jitter record wherein the processor is further adapted to:

consider a second connection through the network with a second endpoint of the network;

identify a second region in the network of the second network endpoint;

retrieve a second jitter record for the second network region; and

allocate a second portion of the memory for jitter buffer storage for the second connection, the second portion having a size in accordance with second jitter data in the second jitter record.

4.   (Original) The device of claim 3, wherein the processor is further adapted to:

determine whether allocating the first portion of the memory leaves enough remainder memory for the second portion of the memory.

5.   (Original) The device of claim 1, wherein

the first jitter data contains a first jitter performance statistic of a formerly tracked jitter of at least one endpoint in the first network region.

6.   (Original) The device of claim 5, wherein

the first jitter performance statistic is determined from at least one of a cumulative average jitter and a cumulative jitter variability.

7.   (Original) The device of claim 5, wherein the processor is further adapted to:

establish the first connection;

track a jitter while communicating over the first connection; and

update the first jitter performance statistic in accordance with the tracked jitter.

8.   (Currently amended) ~~A~~ In a device ~~comprising:~~ that includes

~~means for considering~~ a first connection through a network with a first endpoint ~~of the network~~ in ~~; means for identifying~~ a first region in the network ~~of the first network endpoint~~;

means for retrieving a first jitter record for the first network region; and

means for allocating a first portion of a memory for jitter buffer storage for the first connection, the first portion having a size in accordance with first jitter data in the first jitter record.

9.   (Original) The device of claim 8, wherein

the first connection is a VoIP connection.

10.   (Currently Amended) ~~The device of claim 8, further comprising~~: A device comprising:

means for considering a first connection through a network with a first endpoint of the network;

means for identifying a first region in the network of the first network endpoint;

means for retrieving a first jitter record for the first network region; and

means for allocating a first portion of a memory for jitter buffer storage for the first connection, the first portion having a size in accordance with first jitter data in the first jitter record,

the first connection is a VoIP connection,

means for considering a second connection through the network with a second endpoint of the network;

means for identifying a second region in the network of the second network endpoint;

means for retrieving a second jitter record for the second network region; and

means for allocating a second portion of the memory for jitter buffer storage for the second connection, the second portion having a size in accordance with second jitter data in the second jitter record.

11.   (Original) The device of claim 10, further comprising:

means for determining whether allocating the first portion of the memory leaves enough remainder memory for the second portion of the memory.

12.   (Original) The device of claim 8, wherein

the first jitter data contains a first jitter performance statistic of a formerly tracked jitter of at least one endpoint in the first network region.

13.   (Original) The device of claim 12, wherein

the first connection is a VoIP connection.

14.   (Original) The device of claim 12, wherein

the first jitter performance statistic is determined from at least one of a cumulative average jitter and a cumulative jitter variability.

15.   (Original) The device of claim 12, further comprising:

        means for establishing the first connection;

        means for tracking a jitter while communicating over the first connection; and

        means for updating the first jitter performance statistic in accordance with the

tracked jitter.

16.   (Original) The device of claim 15, wherein

        the first jitter performance statistic is determined from at least one of a

cumulative average jitter and a cumulative jitter variability.

17.   (Original) The device of claim 15, further comprising:

        means for storing the updated jitter statistic.

18.   (Original) The device of claim 15, further comprising:

        means for updating the first portion to have a size in accordance with the

updated first jitter performance statistic.

19.   (Currently amended) An article comprising: a storage medium, said storage

medium having stored thereon instructions, that, when executed by at least one

device having a first connection through a network with a first endpoint of the

network, result in:

        considering a first connection through a network with a first endpoint of the

network;

        identifying a first region in the network of the first network endpoint;

        retrieving a first jitter record for the first network region; and

        allocating a first portion of a memory for jitter buffer storage for the first

connection, the first portion having a size in accordance with first jitter data in the first

jitter record.

20.   (Currently Amended) The article of claim 19, An article comprising: a storage

medium, said storage medium having stored thereon instructions, that, when

executed by at least one device, result in:

considering a first connection through a network with a first endpoint of the network;

identifying a first region in the network of the first network endpoint;

retrieving a first jitter record for the first network region; and

allocating a first portion of a memory for jitter buffer storage for the first connection, the first portion having a size in accordance with first jitter data in the first jitter record, wherein the instructions further result in:

considering a second connection through the network with a second endpoint of the network;

identifying a second region in the network of the second network endpoint;

retrieving a second jitter record for the second network region; and

allocating a second portion of the memory for jitter buffer storage for the second connection, the second portion having a size in accordance with second jitter data in the second jitter record.

21. (Original) The article of claim 20, wherein the instructions further result in:

determining whether allocating the first portion of the memory leaves enough remainder memory for the second portion of the memory.

22. (Original) The article of claim 19, wherein

the first jitter data contains a first jitter performance statistic of a formerly tracked jitter of at least one endpoint in the first network region.

23. (Original) The article of claim 22, wherein

the first jitter performance statistic is determined from at least one of a cumulative average jitter and a cumulative jitter variability.

24.   (Original) The article of claim 22, wherein

the first jitter performance statistic is dependent upon a time of a day,

and wherein the instructions further result in:

inputting the time of the day.

25.   (Original) The article of claim 22, wherein

the first jitter performance statistic is dependent upon a day of a week,

and wherein the instructions further result in:

inputting the day of the week.

26.   (Original) The article of claim 22, wherein the instructions further result in:

establishing the first connection;

tracking a jitter while communicating over the first connection; and

updating the first jitter performance statistic in accordance with the tracked

jitter.

27.   (Original) The article of claim 26, wherein

the first jitter performance statistic is determined from at least one of a

cumulative average jitter and a cumulative jitter variability.

28.   (Original) The article of claim 26, wherein the instructions further result in:

storing the updated jitter statistic.

29.   (Original) The article of claim 26, wherein the instructions further result in:

updating the first portion to have a size in accordance with the updated first

jitter performance statistic.

30.   (Currently Amended) A method of setting a jitter buffer in a network having a

first connection through the network with a first endpoint in a first region of the

network, said method comprising:

considering a first connection through a network with a first endpoint of the

network;

identifying a first region in the network of the first network endpoint;

retrieving a first jitter record for the first network region; and

allocating a first portion of a memory for jitter buffer storage for the first connection, the first portion having a size in accordance with first jitter data in the first jitter record.

31.   (Original) The method of claim 30, wherein

the first connection is a VoIP connection.

32.   (Currently amended) The method of claim 30, further comprising: A method comprising:

considering a first connection through a network with a first endpoint of the network;

identifying a first region in the network of the first network endpoint;

retrieving a first jitter record for the first network region; and

allocating a first portion of a memory for jitter buffer storage for the first connection, the first portion having a size in accordance with first jitter data in the first jitter record,

the first connection is a VoIP connection,

considering a second connection through the network with a second endpoint of the network;

identifying a second region in the network of the second network endpoint;

retrieving a second jitter record for the second network region; and

allocating a second portion of the memory for jitter buffer storage for the second connection, the second portion having a size in accordance with second jitter data in the second jitter record.

33.   (Original) The method of claim 32, further comprising:

determining whether allocating the first portion of the memory leaves enough remainder memory for the second portion of the memory.

34.   (Original) The method of claim 30, wherein

the first jitter data contains a first jitter performance statistic of a formerly tracked jitter of at least one endpoint in the first network region.

35.   (Original) The method of claim 34, wherein
        the first connection is a VoIP connection.

36.   (Original) The method of claim 34, wherein
        the first jitter performance statistic is determined from at least one of a
cumulative average jitter and a cumulative jitter variability.

37.   (Original) The method of claim 34, wherein
        the first jitter performance statistic is dependent upon a time of a day,
        and further comprising:
        inputting the time of the day.

38.   (Original) The method of claim 34, wherein
        the first jitter performance statistic is dependent upon a day of a week,
        and further comprising:
        inputting the day of the week.

39.   (Original) The method of claim 34, further comprising:
        establishing the first connection;
        tracking a jitter while communicating over the first connection; and
        updating the first jitter performance statistic in accordance with the tracked
jitter.

40.   (Original) The method of claim 39, wherein
        the first jitter performance statistic is determined from at least one of a
cumulative average jitter and a cumulative jitter variability.

41.   (Original) The method of claim 39, further comprising:
        storing the updated jitter statistic.

42.   (Original) The method of claim 39, further comprising:
        updating the first portion to have a size in accordance with the updated first
jitter performance statistic.